

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	355	(ac or pilot) with dc with (analog adj digital)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:10
S2	63	S1 and laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 08:59
S3	32	((ac or pilot) with dc) same ((analog adj digital) or a/d) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:17
S4	0	((ac or pilot) with (dc adj reference)) same ((analog adj digital) or a/d) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:20
S5	8	((ac or pilot) with (dc adj reference)) same ((analog adj digital) or a/d)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:18
S6	3	S5 and laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:18
S7	1028	(superpos\$3 or modulat\$3 or inject\$3) with (ac or pilot) with (digital)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:21
S8	78	((superpos\$3 or modulat\$3 or inject\$3) with (ac or pilot) with (digital)) same (d/a or (digital adj analog\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:22
S9	10	S8 and laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:22
S10	28	S8 and (laser or led or light)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:28
S11	4207	((d/a or (digital adj analog\$3)) adj converter) near5 reference	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:29
S12	131	(((d/a or (digital adj analog\$3)) adj converter) near5 reference) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:30
S13	0	(((d/a or (digital adj analog\$3)) adj converter) near5 reference) same ac same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:30
S14	131	(((d/a or (digital adj analog\$3)) adj converter) near5 reference) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:48

## EAST Search History

S15	1551	(sum\$6 with dc with ac)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:49
S16	19	(sum\$6 with dc with ac) same (d/a or (digital adj analog))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:52
S17	569	(modulation adh depth) same (d/a or (digital adj analog)) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 09:53
S18	7	(modulation adh depth) same (d/a or (digital adj analog)) same laser same (ac with dc)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 11:41
S19	1	("6212001").PN.	USPAT	OR	OFF	2006/06/21 09:56
S20	5201	((pilot adj tone) or tone) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 11:41
S21	3169	((pilot adj tone) or tone) same ((digital adj analog\$3) or d/a)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 11:56
S22	108	((pilot adj tone) or tone) same ((digital adj analog\$3) or d/a) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 11:42
S23	90	(398/32).CCLS.	USPAT	OR	OFF	2006/06/21 11:49
S24	192	(398/182).CCLS.	USPAT	OR	OFF	2006/06/21 11:49
S25	264	(398/183).CCLS.	USPAT	OR	OFF	2006/06/21 11:50
S26	134	(398/192).CCLS.	USPAT	OR	OFF	2006/06/21 11:50
S27	134	(398/186).CCLS.	USPAT	OR	OFF	2006/06/21 11:51
S28	69	(398/194).CCLS.	USPAT	OR	OFF	2006/06/21 11:51
S29	34	((impos\$3 or inject\$3 or modulat\$3) adj5 ((pilot adj tone) or tone) with digital) same ((digital adj analog\$3) or d/a)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:00
S30	1	((impos\$3 or inject\$3 or modulat\$3) adj5 ((pilot adj tone) or tone) adj5 digital) same (laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:01
S31	2	((superpos\$3 or inject\$3 or modulat\$3) adj5 ((pilot adj tone) or tone) adj5 digital) same (laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:04
S32	76	((superpos\$3 or inject\$3 or modulat\$3) with ((pilot adj tone) or tone) with digital) same (laser)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:08
S33	72	((digital adj analog\$3) or d/a) with (reference adj generator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:14

## EAST Search History

S34	14	((digital adj analog\$3) or d/a) near5 driver) with (generator) with laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:16
S35	37	((digital adj analog\$3) or d/a) near5 bias\$3) with laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:24
S36	137	((digital adj analog\$3) or d/a) same calibrat\$3 same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:50
S37	266	((digital adj analog\$3) or d/a) same laser same driver same (reference or target)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:51
S38	1	((digital adj analog\$3) or d/a) same laser same driver same (reference or target) same tone	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:51
S39	43	((digital adj analog\$3) or d/a) same laser same driver same (reference or target) and tone	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:52
S40	2	((digital adj analog\$3) or d/a) same laser same driver same (reference or target) and pilot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:52
S41	12	((digital adj analog\$3) or d/a) same laser same (pilot adj tone)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:54
S42	20	((digital adj analog\$3) or d/a or dac) same laser same (pilot adj tone)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 12:55
S43	280	((digital adj analog\$3) or d/a or dac) same laser same (pilot or auxiliary or supervisory or dither or oscillator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:05
S44	68	(modulation adj depth) same ((analog\$3 adj pilot adj tone) or dither)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:09
S45	335	(dac or (digital adj analog)) same ((analog\$3 adj pilot adj tone) or dither)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:10
S46	33	(dac or (digital adj analog)) same ((analog\$3 adj pilot adj tone) or dither) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:13
S47	33	(dac or (digital adj analog)) same ((analog\$3 adj pilot) or dither) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:14
S48	50	((dac or (digital adj analog)) near3 reference) same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:17

## EAST Search History

S49	4613	(controller or microcontroller or micro-controller) same driver same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:17
S50	296	(controller or microcontroller or micro-controller) same driver same laser same (dac or d/a or (digital adj analog))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:18
S51	82	(398/193).CCLS.	USPAT	OR	OFF	2006/06/21 14:40
S52	117	(398/197).CCLS.	USPAT	OR	OFF	2006/06/21 14:47